

FIG.1

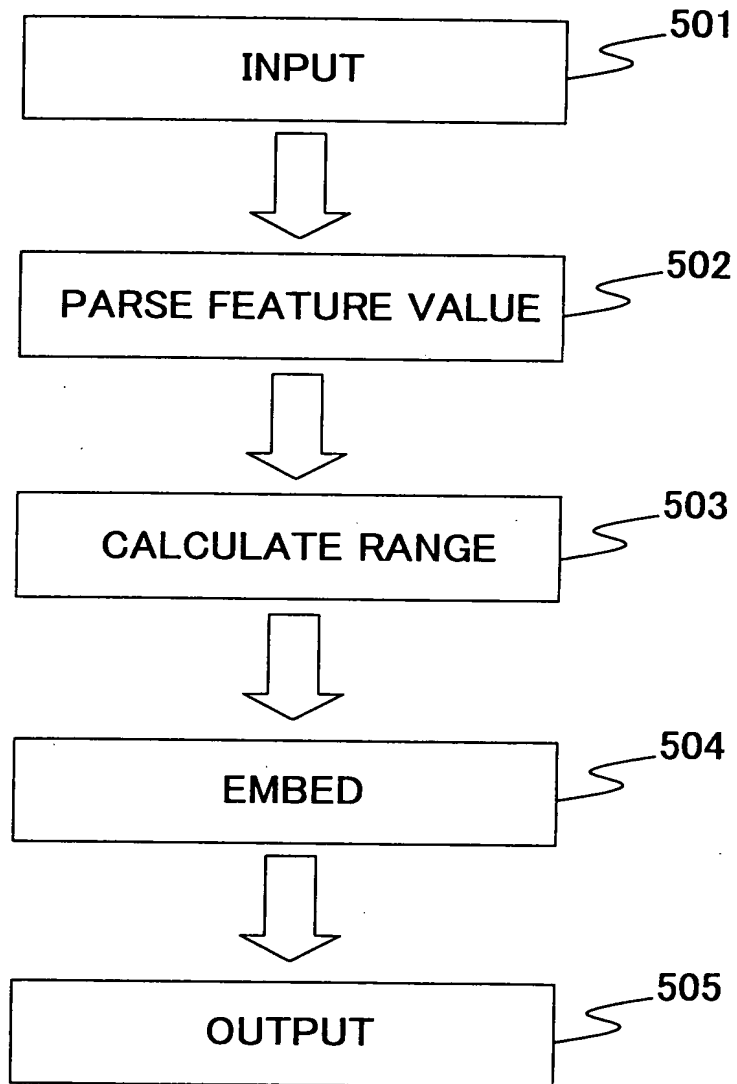


FIG.2

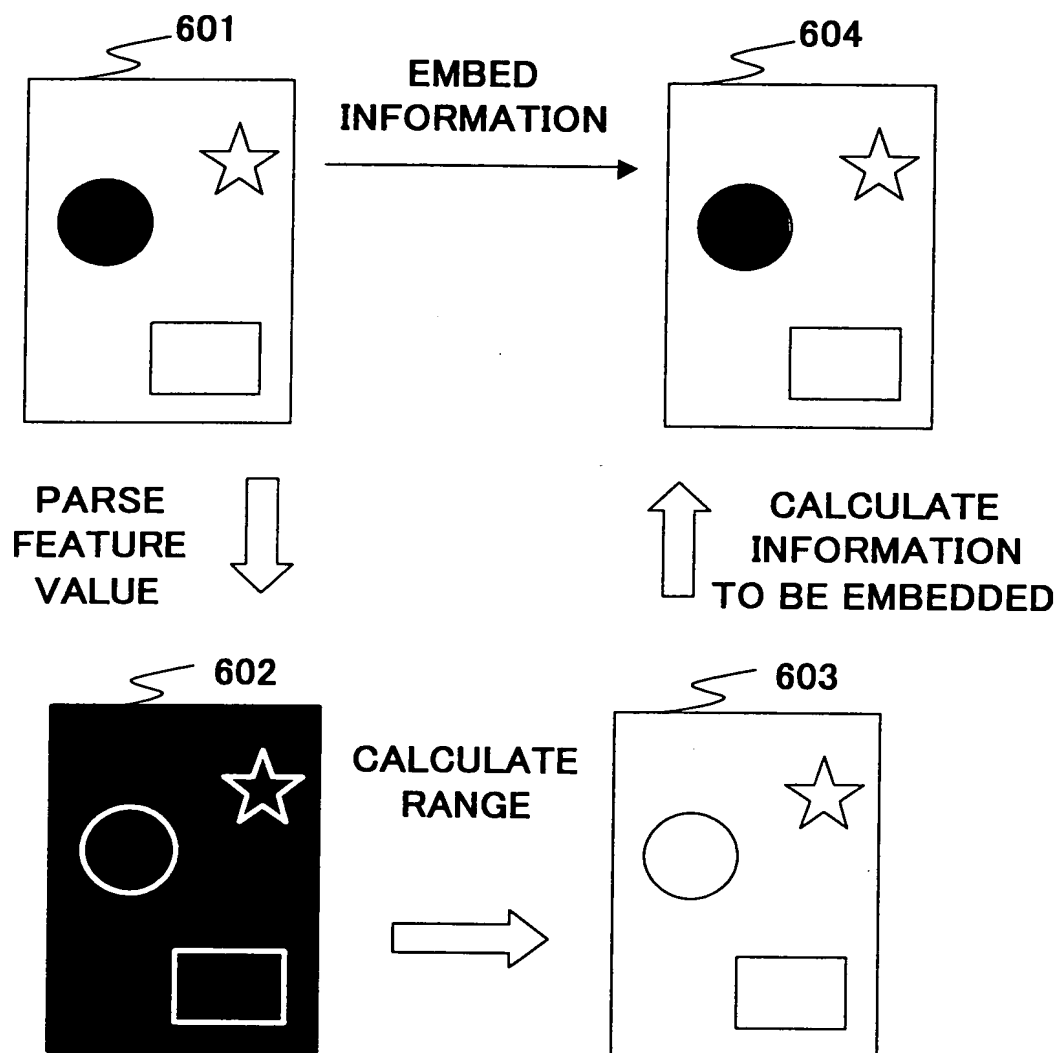


FIG.3

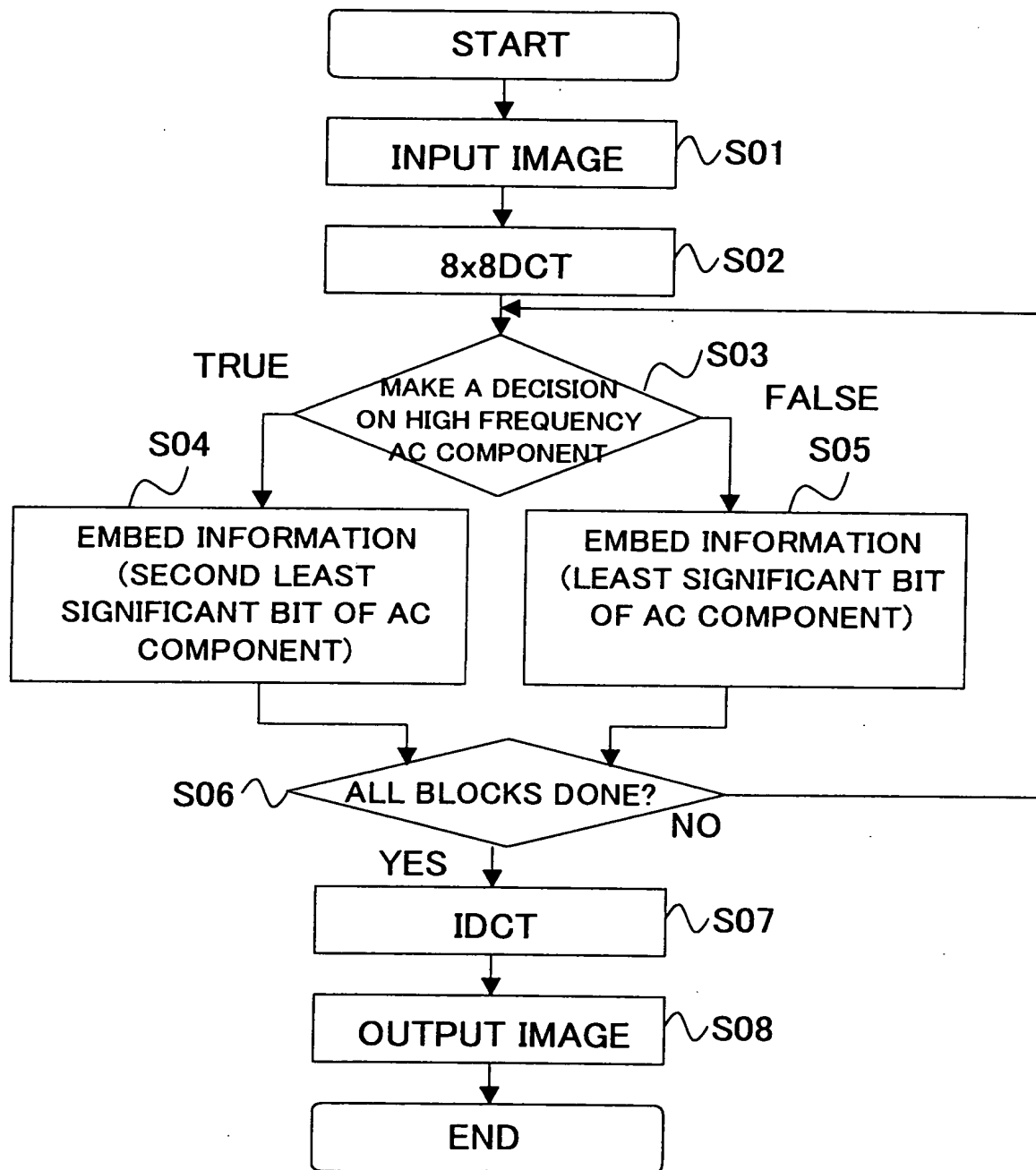
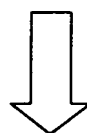
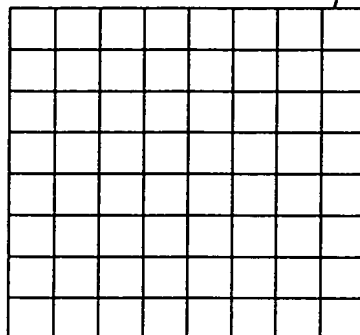


FIG.4

PIXEL VALUE AREA 801



DCT

FREQUENCY AREA 802

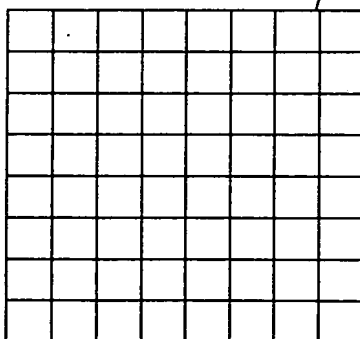


FIG.5

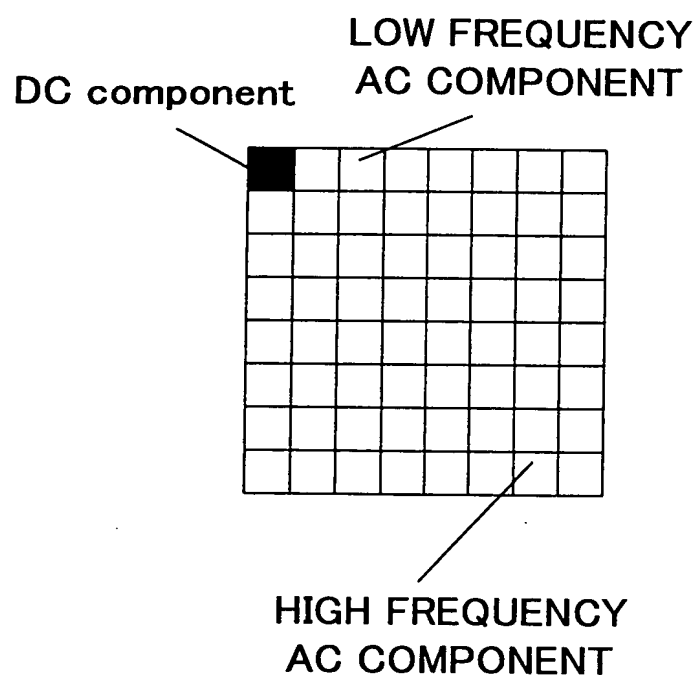


FIG.6

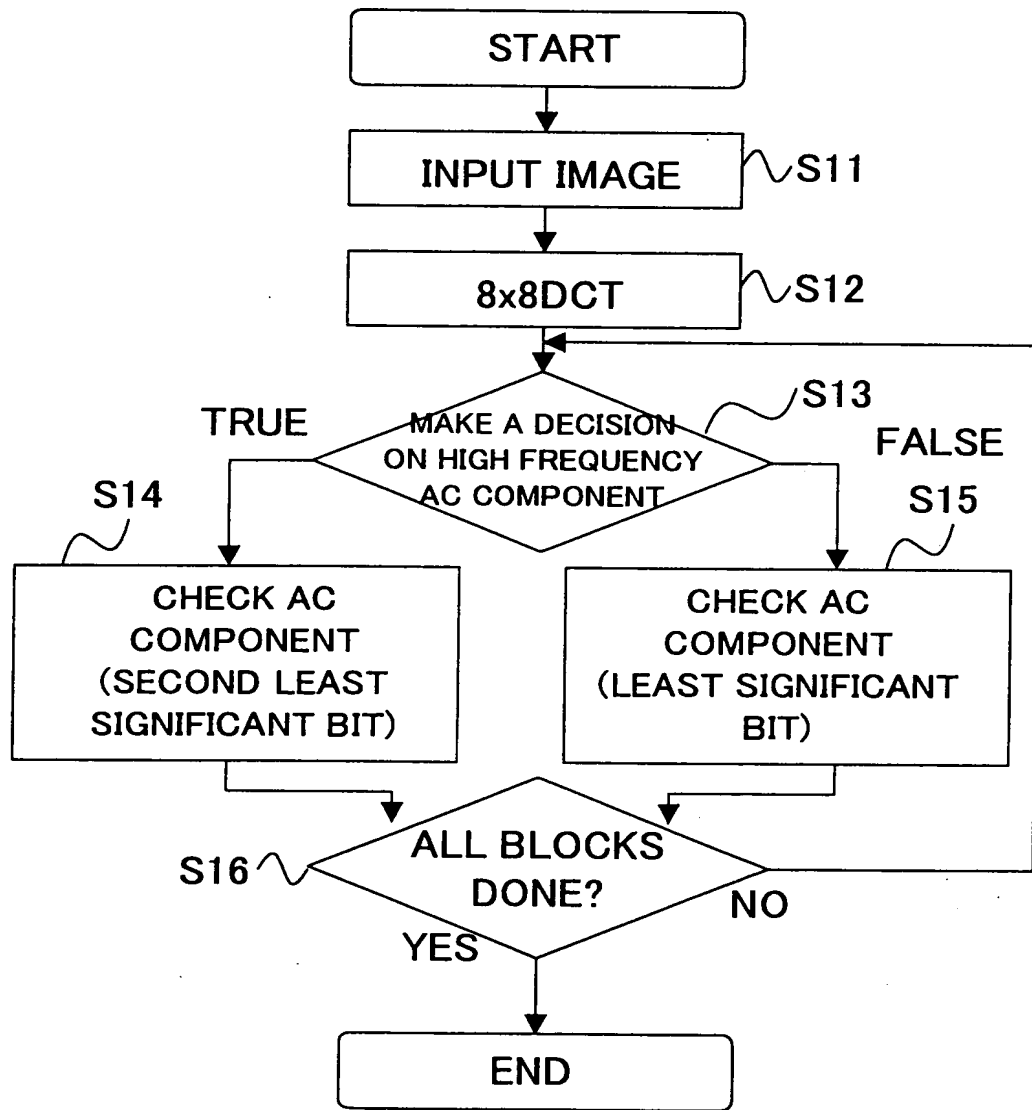


FIG.7

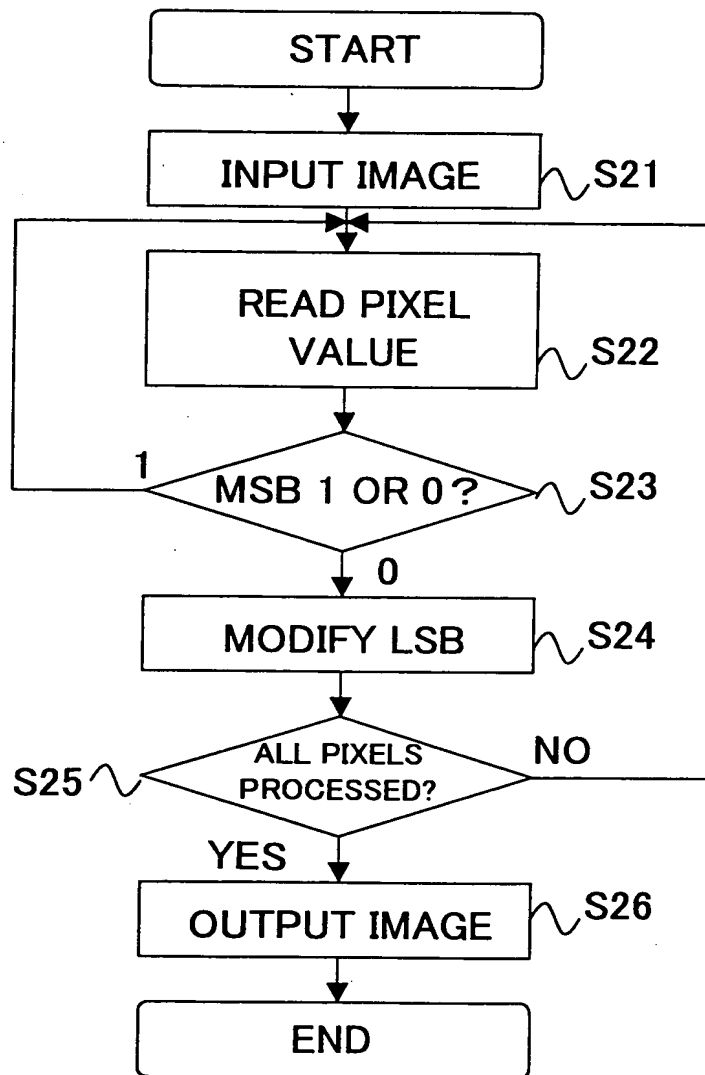
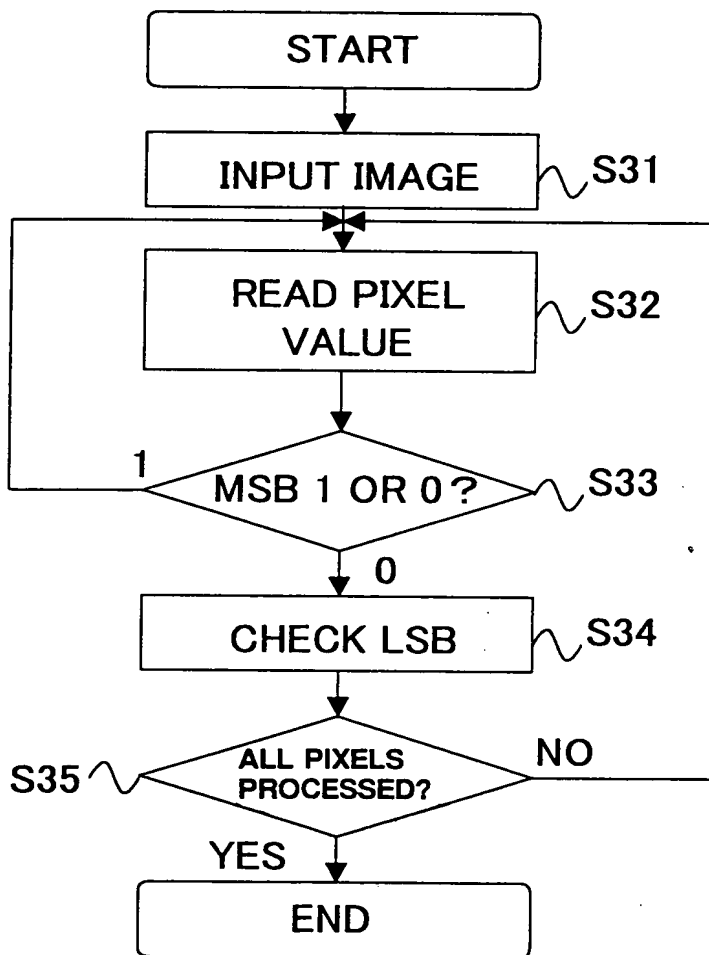
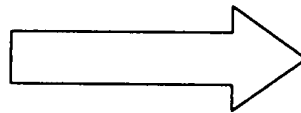


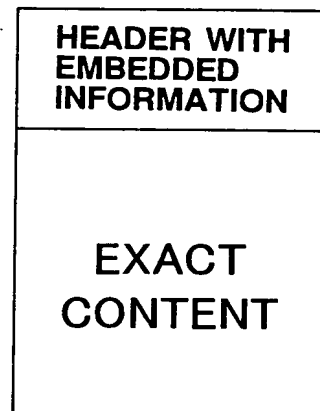
FIG.8



PRIOR ART



PRIOR ART



EMBED COPYRIGHT INFORMATION INTO HEADER

FIG. 10A

FIG.10A

PRIOR ART

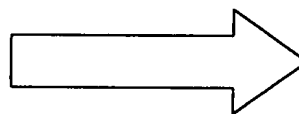
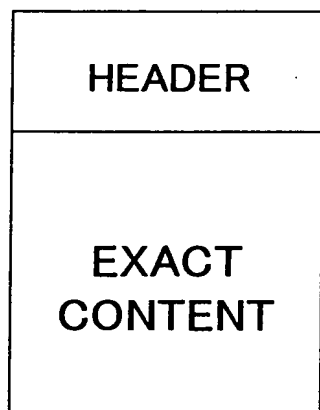
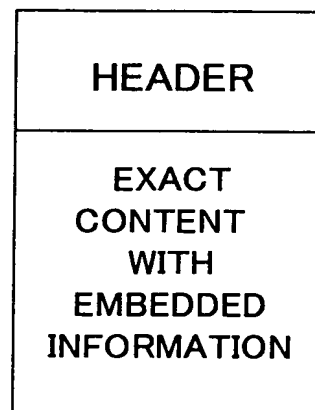


FIG.10B

PRIOR ART



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INTO EXACT CONTENT

FIG.11A PRIOR ART

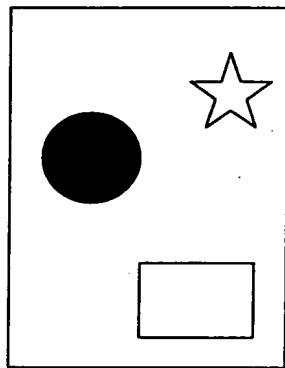
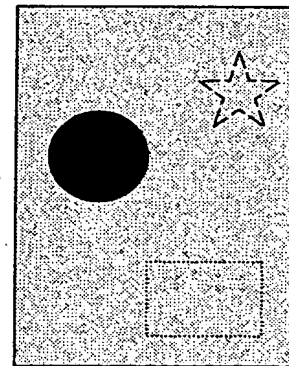


FIG.11B PRIOR ART

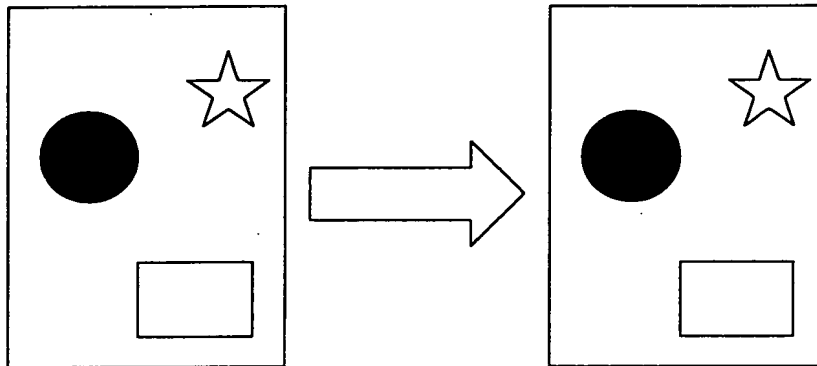


EMBEDDING TOO MUCH
NOISE MAKES ...

EMBEDDING TOO
LITTLE NOISE MAKES ... **FIG.12A** **FIG.12B**

PRIOR ART

PRIOR ART



WE CAN GET WATERMARK
INFORMATION

LOSSY COMPRESSING
OR REDUCING NOISE ...

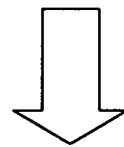
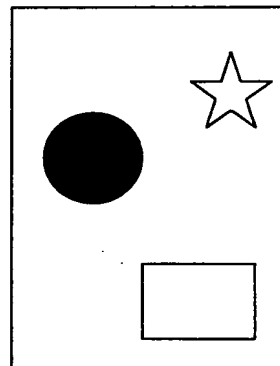


FIG.12C

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